	Application No.	Applicant(s)	(m)
Notice of Allowability	10/627,155	PATEL ET AL.	(4
	Examiner	Art Unit	
	Stephen W. Smoot	2813	
The MAILING DATE of this communication apperature of the second process of the communication apperature of the second process of the Communication apperature of the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet with to (OR REMAINS) CLOSED in the or other appropriate communic IGHTS. This application is sub	the correspondence addressis application. If not included cation will be mailed in due co	ourse. THIS
1. \boxtimes This communication is responsive to <u>applicant's amendment</u>	ent received on 08 July 2005.		
2. X The allowed claim(s) is/are 48-112,114-171 and 174-191.			
3. \boxtimes The drawings filed on <u>24 July 2003</u> are accepted by the Ex	xaminer.		
 4. Acknowledgment is made of a claim for foreign priority una) a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	e been received. e been received in Application N	No	on from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file a MENT of this application.	reply complying with the requ	irements
5. A SUBSTITUTE OATH OR DECLARATION must be subminformal PATENT APPLICATION (PTO-152) which give	nitted. Note the attached EXAM res reason(s) why the oath or de	INER'S AMENDMENT or NC eclaration is deficient.	TICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") mu	st be submitted.		
(a) including changes required by the Notice of Draftsper	son's Patent Drawing Review (PTO-948) attached	
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date	<u>.</u> .		
(b) including changes required by the attached Examiner Paper No./Mail Date	's Amendment / Comment or in	the Office action of	
Identifying indicia such as the application number (see 37 CFR teach sheet. Replacement sheet(s) should be labeled as such in	1.84(c)) should be written on the the header according to 37 CFR	drawings in the front (not the b I.121(d).	ack) of
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT	OSIT OF BIOLOGICAL MATER FOR THE DEPOSIT OF BIOLO	IAL must be submitted. No OGICAL MATERIAL.	ote the
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Sum Paper No./Ma 08), 7. ☒ Examiner's An	mal Patent Application (PTO- mary (PTO-413), ail Date nendment/Comment atement of Reasons for Allow	,
Stable 1/2/2	not	Stephen W. Smoot Patent Examiner Art Unit 2813	

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This Office action is in response to applicant's amendment received on 08 July 2005.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below to correct obvious informalities per MPEP section 1302.04. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the Claims:

In claim 114, line 1, change the claim dependency from "claim 113" to --claim 84--;

In claim 115, line 1, change the claim dependency from "claim 113" to --claim 84--;

In claim 138, line 1, after "system", insert --of claim--; and In claim 139, line 1, after "system", insert --of claim--.

Appropriate correction is required.

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2. The terminal disclaimer received on 08 July 2005 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration date of any patent granted on Application Number 10/627,302 has been reviewed and is accepted. The terminal disclaimer has been recorded.

- 3. Claims 48-112, 114-171, 174-191 are allowed.
- 4. The following is an examiner's statement of reasons for allowance:
 - Claims 48-83, 133-171, 174-175, 183-187 are allowed because the prior art of record does not teach or suggest, in combination with the other claim limitations, a spatial light modulator that includes an array of mirror devices, wherein each mirror device has a mirror plate attached to a hinge such that the mirror plate and the hinge are spaced apart from 0.5 to 1.5 micrometers, and wherein adjacent mirror plates have a center-to-center distance that ranges from 4.3 to 10.16 micrometers;
 - Claims 84-112, 114-132, 176-182 are allowed because the prior art of record
 does not teach or suggest, in combination with the other claim limitations, a
 spatial light modulator that includes an array of movable mirror plates, wherein
 adjacent mirror plates have a center-to-center distance that ranges from 4.38 to
 10.16 micrometers, combined with two electrodes for rotating the mirror plate in
 opposite directions;

- Claims 188-189 are allowed because the prior art of record does not teach or suggest, in combination with the other claim limitations, a spatial light modulator that includes an array of mirror devices, wherein each mirror device has a mirror plate attached to a hinge such that the mirror plate and the hinge are spaced apart from 0.1 to 0.45 micrometers, and wherein adjacent mirror plates have a center-to-center distance that ranges from 4.38 to 10.16 micrometers;
- Claim 190 is allowed because the prior art of record does not teach or suggest, in combination with the other claim limitations, a spatial light modulator that includes an array of movable mirror plates, wherein adjacent mirror plates have a center-to-center distance that ranges from 4.38 to 10.16 micrometers combined with an illumination efficiency that is 90 % or more; and
- Claim 191 is allowed because the prior art of record does not teach or suggest, in combination with the other claim limitations, a spatial light modulator that includes an array of movable mirror plates, wherein adjacent mirror plates have a center-to-center distance that ranges from 4.38 to 10.16 micrometers, combined with the mirror plate being attached to a hinge for rotating in a first direction at an angle from 15 to 27 degrees relative to the substrate.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen W. Smoot whose telephone number is 571-272-1698. The examiner can normally be reached on M-F (8:00 am to 4:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl Whitehead, Jr. can be reached on 571-272-1702. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8000.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SWS